

BIOL 1972/7

PRODUCTIVITE    PRIMAIRE    CROISIERE 7

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POTENTIAL PRODUCTIVITY (mg C/m<sup>3</sup>/h)

Le niveau de productivité est légèrement plus faible qu'à la même époque l'année passée .Tout suggère que le développement du pic printanier de phytoplancton a eu lieu entre la croisière d'avril et celle-ci. A chaque station on trouvait la même homogénéité apparente de la colonne d'eau , qu'en avril 72.Par contre , la productivité reste relativement basse jusque près de la côte , sauf devant l'embouchure des estuaires.

La carte du rapport net-/nannoplancton (voir rapport consacré à la signification relative du nannoplancton dans la productivité de la Mer du Nord) nous montre que dans la partie Sud du réseau étudié , le netplancton est relativement plus important

Ce netplancton , bien visible à l'oeil nu , apparaissait par ailleurs fort décoloré sauf aux stations situées face aux embouchures de l'Escaut et du Rhin où les grosses diatomées du genre *Coscinodiscus* étaient très évidentes . La station 7 se signalait par sa singularité dans cette zone : productivité faible et dominance totale du nannoplancton.

INTEGRATED PRODUCTIVITY (mg C/m<sup>3</sup>/day)

La profondeur de compensation (1% de l'irradiance de surface) n'est nulle part inférieure à 11 m. C'est dire que partout , la transparence de l'eau est élevée et que parconséquent , les différences observées entre les stations pour la productivité potentielle se retrouvent pour la productivité intégrée.

## PRIMARY PRODUCTIVITY ECOLOGIE BY SYSTEMATIK V.U.B.

| IRRAD.(D) | TOTAL (PG) | GROSS (PG) | NETPL (PG) | RATIO |
|-----------|------------|------------|------------|-------|
|-----------|------------|------------|------------|-------|

## SAMPLING STATION 1 M 01 260672 1330

|              |           |           |           |      |
|--------------|-----------|-----------|-----------|------|
| 100.00 (0.0) | 4.35(100) | 1.35( 42) | 2.50( 57) | 1.35 |
| 35.00 (2.5)  | 4.41(100) | 2.43( 55) | 1.95( 44) | .31  |
| 13.00 (5.0)  | 5.10(100) | 3.34( 75) | 1.26( 24) | .32  |
| 4.50 (7.5)   | 4.47(100) | 2.23( 65) | 1.54( 34) | .52  |
| DEPTH MM     | 4.63(100) | 2.33( 62) | 1.75( 37) | .60  |

DIAGNOSTIC (NO MAX AREA): R= 2.72 A= 136

## SAMPLING STATION 2 M 25 270672 1045

|              |           |           |          |     |
|--------------|-----------|-----------|----------|-----|
| 100.00 (0.0) | 1.32      | 1.56 ( )  | (0)      | (0) |
| 35.00 (7.5)  | 1.47(100) | 1.36( 98) | .03( 6)  | .04 |
| 13.00 (15.0) | 1.63(100) | 1.25( 99) | .17( 10) | .11 |
| 4.50 (24.0)  | 1.55      | 1.61      | (0)      | (0) |
| DEPTH MM     | 1.52(100) | 1.47( 96) | .08( 3)  | .03 |

DIAGNOSTIC (NO MAX AREA): R= 1.55 A= 11

## SAMPLING STATION 3 M 24 270672 1300

|              |      |      |     |     |
|--------------|------|------|-----|-----|
| 100.00 (0.0) | 1.05 | 1.13 | (0) | (0) |
| 35.00 (0.0)  | -    | -    | -   | -   |
| 13.00 (0.0)  | -    | -    | -   | -   |
| 4.50 (0.0)   | -    | -    | -   | -   |

DIAGNOSTIC (NO MAX AREA): R= 1.22 A= 73

DIAGNOSTIC (NO MAX AREA): R= 1.27

## SAMPLING STATION 4 M 22 280672 1330

|              |           |           |           |     |
|--------------|-----------|-----------|-----------|-----|
| 100.00 (0.0) | 5.32      | 3.49      | (0)       | (0) |
| 35.00 (7.0)  | 2.37(100) | 2.40( 42) | .02( 15)  | .03 |
| 13.00 (14.0) | 2.35(100) | 2.43( 41) | .05( 20)  | .04 |
| 4.50 (22.0)  | 4.53(100) | 3.70( 43) | 1.00( 31) | .44 |
| DEPTH MM     | 5.37(100) | 3.77( 39) | .50( 17)  | .01 |

DIAGNOSTIC (NO MAX AREA): R= 2.32 A= 64

## SAMPLING STATION 5 M 23 280672 1045

|              |           |          |          |     |
|--------------|-----------|----------|----------|-----|
| 100.00 (0.0) | 1.03(100) | .30( 37) | .13( 10) | .14 |
| 35.00 (0.0)  | -         | -        | -        | -   |
| 13.00 (0.0)  | -         | -        | -        | -   |
| 4.50 (0.0)   | -         | -        | -        | -   |

DIAGNOSTIC (NO MAX AREA): R= 1.03 A= 24

## SAMPLING STATION 6 M 21 290672 1030

|              |           |           |          |     |
|--------------|-----------|-----------|----------|-----|
| 100.00 (0.0) | 2.73      | 3.07      | (0)      | (0) |
| 35.00 (6.0)  | 5.50      | 5.71      | (0)      | (0) |
| 13.00 (11.0) | 5.12(100) | 4.71( 42) | .50( 10) | .11 |
| 4.50 (17.0)  | 5.33(100) | 4.90( 35) | .21( 7)  | .03 |
| DEPTH MM     | 5.33(100) | 4.73( 47) | .40( 12) | .03 |

DIAGNOSTIC (NO MAX AREA): R= 4.77 A= 1

SAMPLING STATION 7 M 16 290672 1330

|        |     |      |      |     |     |
|--------|-----|------|------|-----|-----|
| 100.00 | .00 | 4.00 | 4.70 | (0) | (0) |
| 35.00  | .00 | -    | -    | -   | -   |
| 13.00  | .00 | -    | -    | -   | -   |
| 4.50   | .00 | -    | -    | -   | -   |

DIAGNOSTIC: (NO MAX AREA): L= 2.58 A=-63

DIAGNOSTIC: (NO MAX AREA): L= 2.74

SAMPLING STATION 8 M 05 300672 1015

|        |      |            |           |            |      |
|--------|------|------------|-----------|------------|------|
| 100.00 | .00  | 10.34(100) | 8.31( 45) | 10.52( 54) | 1.10 |
| 35.00  | 3.00 | 17.59(100) | 7.77( 44) | 9.52( 55)  | 1.26 |
| 13.00  | .00  | -          | -         | -          | -    |
| 4.50   | .00  | -          | -         | -          | -    |

DIAGNOSTIC: (NO MAX AREA): L= 3.56 A= 103

SAMPLING STATION 9 M 02 030772 1330

|            |       |           |           |           |      |
|------------|-------|-----------|-----------|-----------|------|
| 100.00     | .00   | 4.64(100) | 2.97( 55) | 1.77( 45) | .77  |
| 35.00      | 5.00  | 6.30(100) | 2.93( 47) | 3.32( 59) | 1.11 |
| 13.00      | 3.00  | 3.72(100) | 2.07( 55) | 1.65( 44) | .72  |
| 4.50       | 14.00 | 4.41(100) | 2.12( 44) | 2.50( 51) | 1.08 |
| DIAGNOSTIC |       | 4.72(100) | 2.40( 56) | 2.32( 49) | .96  |

DIAGNOSTIC: (NO MAX AREA): L= 2.72 A= 176

SAMPLING STATION 10 M 03 040772 1100

|            |       |           |           |           |     |
|------------|-------|-----------|-----------|-----------|-----|
| 100.00     | .00   | 2.57(100) | 1.03( 40) | .63( 13)  | .24 |
| 35.00      | 4.00  | 2.34(100) | 1.60( 54) | 1.26( 45) | .44 |
| 13.00      | 7.50  | 2.31(100) | 1.72( 61) | 1.00( 34) | .63 |
| 4.50       | 11.50 | 2.57(100) | 2.35( 51) | .92( 4)   | .69 |
| DIAGNOSTIC |       | 2.75(100) | 1.42( 46) | .99( 38)  | .50 |

DIAGNOSTIC: (NO MAX AREA): L= 2.09 A= 125

SAMPLING STATION 11 M 04 040772 1330

|        |     |           |           |         |     |
|--------|-----|-----------|-----------|---------|-----|
| 100.00 | .00 | 1.08(100) | 3.72( 44) | .30( 7) | .03 |
| 35.00  | .00 | -         | -         | -       | -   |
| 13.00  | .00 | -         | -         | -       | -   |
| 4.50   | .00 | -         | -         | -       | -   |

DIAGNOSTIC: (NO MAX AREA): L= 2.58 A= 26

SAMPLING STATION 12 M20 050772 1050

|            |       |           |           |          |     |
|------------|-------|-----------|-----------|----------|-----|
| 100.00     | .00   | 1.12(100) | .42( 59)  | .50( 42) | .21 |
| 35.00      | 4.00  | 2.25(100) | 1.53( 41) | .70( 34) | .25 |
| 13.00      | 1.00  | 1.11(100) | .93( 51)  | .32( 34) | .27 |
| 4.50       | 23.00 | 2.03( 41) | 1.73( 53) | .51( 13) | .17 |
| DIAGNOSTIC |       | 1.22(100) | 1.63( 40) | .72( 37) | .20 |

DIAGNOSTIC: (NO MAX AREA): L= 1.75 A= 120

SAMPLING STATION 13 M18 060772 1045

|            |       |           |           |           |     |
|------------|-------|-----------|-----------|-----------|-----|
| 100.00     | .00   | 1.10      | 2.11      | (0)       | (0) |
| 35.00      | 1.00  | 2.11(100) | 2.24( 7)  | 1.56( 45) | .24 |
| 13.00      | 13.00 | 2.06(100) | 2.24( 3)  | .45( 14)  | .13 |
| 4.50       | 3.00  | 2.23(100) | 2.41( 4)  | .50( 13)  | .17 |
| DIAGNOSTIC |       | 2.23(100) | 2.25( 40) | .41( 7)   | .04 |

DIAGNOSTIC: (NO MAX AREA): L= 1.36 A= 2

SAMPLING STATION 3 M 17 060772 1400

|            |           |           |          |     |
|------------|-----------|-----------|----------|-----|
| 100.0( .0) | 1.90(100) | 1.90( 38) | .06( .3) | .05 |
| 35.0( .0)  | -         | -         | -        | -   |
| 13.0( .0)  | -         | -         | -        | -   |
| 4.5( .0)   | -         | -         | -        | -   |

DIAGR.CONSTR.(NO MAX AREA):R= 1.73 A= 10

SAMPLING STATION 4 M06 070772 1000

|            |           |           |           |      |
|------------|-----------|-----------|-----------|------|
| 100.0( .0) | 2.44(100) | 1.23( 58) | 1.13( 47) | .39  |
| 35.0( 2.5) | 2.13(100) | 1.07( 30) | 1.06( 43) | .33  |
| 13.0( 7.0) | 2.22(100) | 1.16( 50) | 1.16( 50) | 1.00 |
| 4.5( 10.0) | 2.36(100) | 1.24( 43) | 1.63( 53) | 1.31 |
| WGTH 18    | 2.37(100) | 1.16( 45) | 1.91( 51) | 1.00 |

DIAGR.CONSTR.(NO MAX AREA):R= 1.04 A= 142

SAMPLING STATION 5 M07 070772 1205

|            |      |      |     |     |
|------------|------|------|-----|-----|
| 100.0( .0) | 1.50 | 1.31 | (0) | (0) |
| 35.0( .0)  | -    | -    | -   | -   |
| 13.0( .0)  | -    | -    | -   | -   |
| 4.5( .0)   | -    | -    | -   | -   |

DIAGR.CONSTR.(NO MAX AREA):R= 1.43 A=-63

DIAGR.CONSTR.(NO MAX AREA):R= 1.45

SAMPLING STATION 6 M08 100772 1400

|             |           |           |           |      |
|-------------|-----------|-----------|-----------|------|
| 100.0( .0)  | 2.36(100) | 1.07( 45) | 1.29( 54) | 1.20 |
| 35.0( 7.0)  | 3.61(100) | 1.09( 30) | 2.52( 69) | 2.31 |
| 13.0( 13.0) | 3.32(100) | 1.08( 32) | 2.24( 67) | 2.07 |
| 4.5( 20.0)  | 3.04(100) | 2.49( 81) | .55( 18)  | .22  |
| WGTH MN     | 3.19(100) | 1.32( 41) | 1.87( 58) | 1.41 |

DIAGR.CONSTR.(NO MAX AREA):R= 2.25 A= 211

SAMPLING STATION 7 M09 110772 1100

|             |           |           |           |      |
|-------------|-----------|-----------|-----------|------|
| 100.0( .0)  | 2.13(100) | 1.10( 41) | 1.07( 47) | .33  |
| 35.0( 5.0)  | 2.92(100) | 2.01( 50) | 1.20( 43) | .45  |
| 13.0( 13.0) | 2.90(100) | 2.16( 71) | .74( 16)  | .35  |
| 4.5( 15.0)  | 2.10(100) | 1.74( 43) | 2.14( 54) | 1.20 |
| WGTH 18     | 2.91(100) | 1.25( 57) | 1.50( 40) | .75  |

DIAGR.CONSTR.(NO MAX AREA):R= 2.93 A= 185

SAMPLING STATION 8 M10 110772 1300

|             |           |           |           |     |
|-------------|-----------|-----------|-----------|-----|
| 100.0( .0)  | 2.91(100) | 1.01( 30) | 2.00( 43) | .33 |
| 35.0( 7.0)  | 2.13(100) | 2.03( 45) | .13( .3)  | .33 |
| 13.0( 13.0) | 2.17      | 2.04      | (0)       | (0) |
| 4.5( 10.0)  | 2.91(100) | 1.04( 37) | 1.10( 30) | .33 |
| WGTH 18     | 2.95(100) | 2.15( 48) | .13( .3)  | .33 |

DIAGR.CONSTR.(NO MAX AREA):R= 2.17 A= 10

SAMPLING STATION 9 M15 120772 1100

|             |           |           |           |      |
|-------------|-----------|-----------|-----------|------|
| 100.0( .0)  | 2.70(100) | 1.01( 37) | 1.91( 47) | .33  |
| 35.0( 5.0)  | 2.00(100) | 2.27( 47) | 2.00( 43) | 1.33 |
| 13.0( 13.0) | 2.16(100) | 2.27( 43) | 1.57( 30) | .45  |
| 4.5( 16.0)  | 2.70(100) | 2.00( 50) | 1.25( 30) | .33  |
| WGTH 18     | 2.17(100) | 2.10( 50) | 2.07( 43) | .33  |

DIAGR.CONSTR.(NO MAX AREA):R= 2.85 A= 17

SAMPLING STATION 10 M14 120772 1300

|        |       |           |           |           |      |
|--------|-------|-----------|-----------|-----------|------|
| 100.00 | .00   | 2.32(100) | .45( 15)  | 2.32( 57) | 2.28 |
| 35.00  | 7.00  | 2.22(100) | 1.67( 57) | 1.25( 40) | .70  |
| 13.00  | 14.00 | 3.45(100) | .83( 24)  | 2.69( 75) | 3.13 |
| 4.50   | 22.00 | 3.24(100) | .91( 23)  | 2.33( 71) | 2.56 |
| WTH M1 |       | 3.14(100) | 1.05( 33) | 2.09( 60) | 1.29 |

DIAGN.CONST.(TO MAX AREA):R= 2.24 A= 230

SAMPLING STATION 11 M12 130772 1045

|        |     |           |           |          |     |
|--------|-----|-----------|-----------|----------|-----|
| 100.00 | .00 | 2.21(100) | 2.46( 54) | .45( 15) | .13 |
| 35.00  | .00 | -         | -         | -        | -   |
| 13.00  | .00 | -         | -         | -        | -   |
| 4.50   | .00 | -         | -         | -        | -   |

DIAGN.CONST.(TO MAX AREA):R= 2.15 A= 55

SAMPLING STATION 12 M11 130772 1245

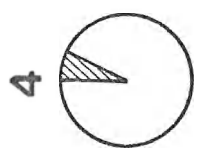
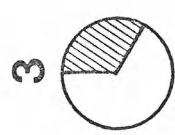
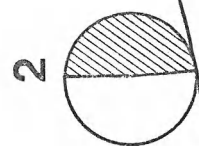
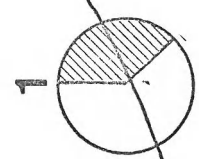
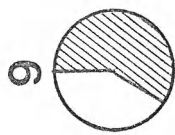
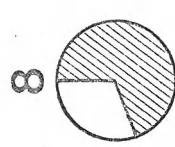
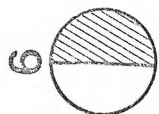
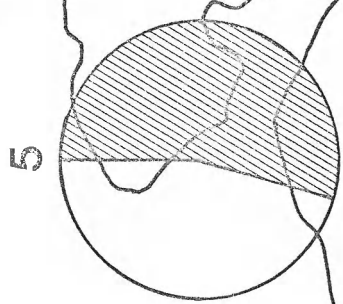
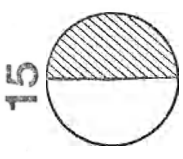
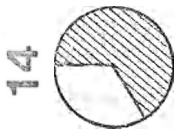
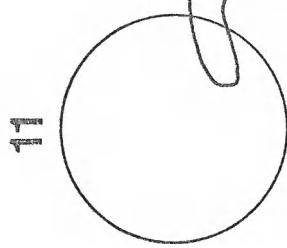
|        |      |            |            |           |     |
|--------|------|------------|------------|-----------|-----|
| 100.00 | .00  | 12.43      | 12.65      | (0)       | (0) |
| 35.00  | 3.00 | 15.52(100) | 12.74( 86) | 2.03( 13) | .15 |
| 13.00  | 4.00 | 12.51      | 15.10      | (0)       | (0) |
| 4.50   | 3.00 | 11.70      | 14.97      | (0)       | (0) |
| WTH M1 |      | 13.47      | 14.00      | (0)       | (0) |

DIAGN.CONST.(TO MAX AREA):R= 7.40 A=-7  
DIAGN.CONST.(TO MAX AREA):R= 7.49

SAMPLING STATION 13 M13 140772 1030

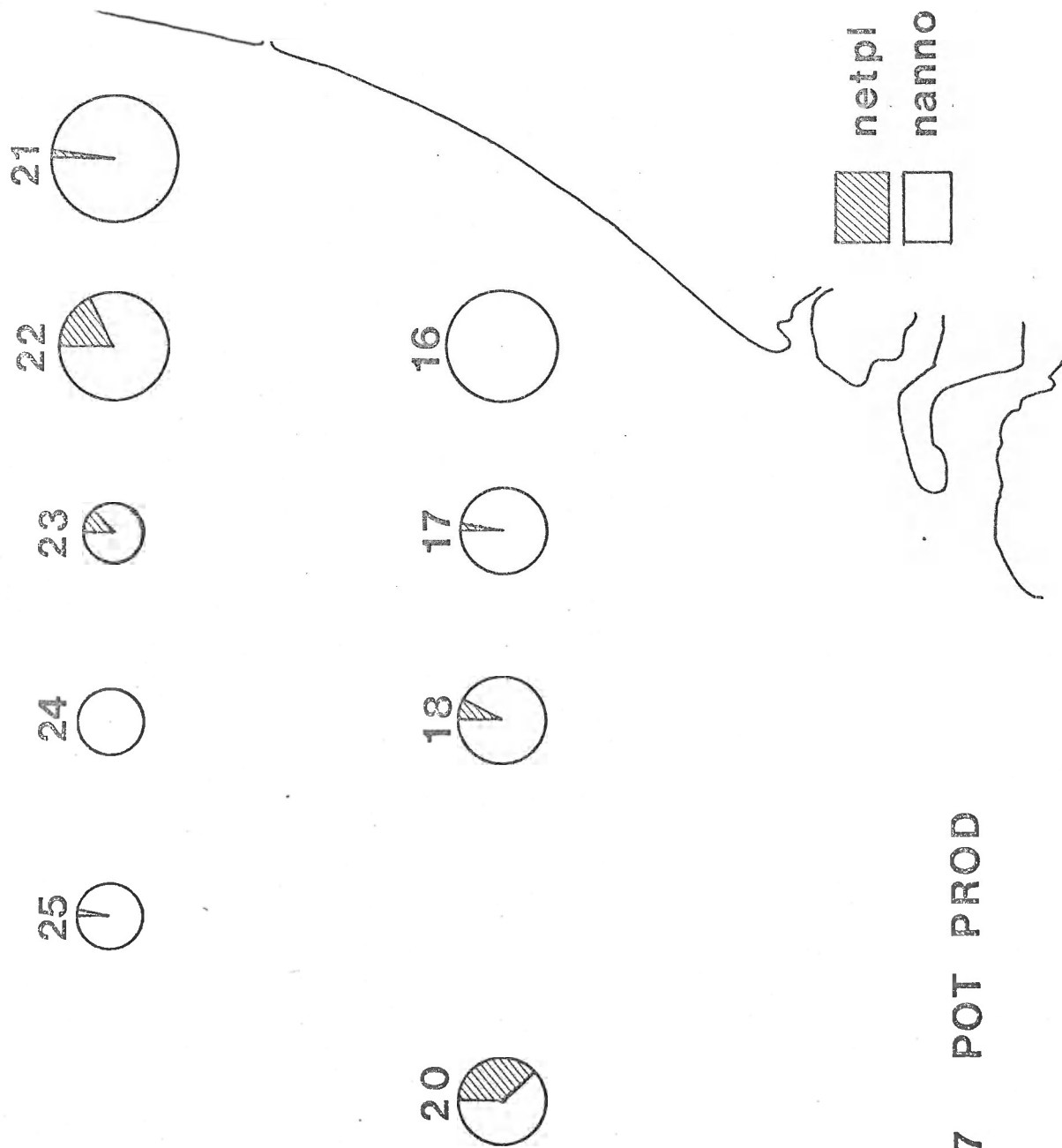
|        |     |           |          |           |      |
|--------|-----|-----------|----------|-----------|------|
| 100.00 | .00 | 2.13(100) | .64( 22) | 1.50( 70) | 2.40 |
| 35.00  | .00 | -         | -        | -         | -    |
| 13.00  | .00 | -         | -        | -         | -    |
| 4.50   | .00 | -         | -        | -         | -    |

DIAGN.CONST.(TO MAX AREA):R= 1.36 A= 284



netpl  
nanno

CRUISE 7 POT PROD



CRUISE 7 POT PROD

100-1 PRODUCTIVITY REPORT FOR STATION 100-1

STATION 100-1 M01 260672 1330

TOTAL (PC) 770(100) NADIR (PC) 224( 49) NUTRIENT (PC) 430( 87) RATIO 1.34  
 HIGH.CONST.(CO MAX AREA): $\lambda = 2.44$   $\lambda = -0.36$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 2.11$

STATION 100-2 M25 270672 1045

TOTAL (PC) 750( 80) NADIR (PC) 340( 60) NUTRIENT (PC) 410( 80) RATIO 1.01  
 HIGH.CONST.(CO MAX AREA): $\lambda = 2.75$   $\lambda = -0.25$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 2.46$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 50

STATION 100-3 M24 270672 1300

TOTAL (PC) 800( 80) NADIR (PC) 300( 60) NUTRIENT (PC) 500( 80) RATIO 1.00  
 HIGH.CONST.(CO MAX AREA): $\lambda = 1.9$   $\lambda = -0.2$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 2.01$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 47

STATION 100-4 M22 280672 1330

TOTAL (PC) 1385( 80) NADIR (PC) 1287( 80) NUTRIENT (PC) 1100( 80) RATIO 1.00  
 HIGH.CONST.(CO MAX AREA): $\lambda = 3.16$   $\lambda = -0.21$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 3.55$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 27

STATION 100-5 M23 280672 1045

TOTAL (PC) 1070( 80) NADIR (PC) 531( 87) NUTRIENT (PC) 70( 12) RATIO 1.18  
 HIGH.CONST.(CO MAX AREA): $\lambda = 2.2$   $\lambda = -0.25$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 36.8

STATION 100-6 M21 290672 1030

TOTAL (PC) 1110( 80) NADIR (PC) 1130( 80) NUTRIENT (PC) 1110( 80) RATIO 1.00  
 HIGH.CONST.(CO MAX AREA): $\lambda = 2.99$   $\lambda = -0.3$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 3.01$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 24

STATION 100-7 M16 290672 1330

TOTAL (PC) 1095( 80) NADIR (PC) 3541( 80) NUTRIENT (PC) 1095( 80) RATIO 1.00  
 HIGH.CONST.(CO MAX AREA): $\lambda = 3.0$   $\lambda = -0.3$   
 HIGH.CONST.(NADIR CO MAX AREA): $\lambda = 4.23$   
 DEPTH UNDER 1 PC OF SUEP. ILLUMINANCE : 20

SAMPLING STATION 2 M05 300672 1015

TOTAL (PC) 3452(100) 3452(100) 3452(100) 1.10  
 DIAGN. CONST. (C) MAX AREA: 5.4 A= 195  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 11.0 M

SAMPLING STATION 2 M02 030772 1330

TOTAL (PC) 1483(100) 723(56) 560(43) .77  
 DIAGN. CONST. (C) MAX AREA: 3.2 A= 157  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 20.4 M

SAMPLING STATION 1 M03 040772 1100

TOTAL (PC) 657(100) 527(80) 130(20) .80  
 DIAGN. CONST. (C) MAX AREA: 2.29 A= 71  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 14.7 M

SAMPLING STATION 1 M04 040772 1330

TOTAL (PC) 1487(100) 173(12) 140(9) .09  
 DIAGN. CONST. (C) MAX AREA: 3.33 A= 23  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 22.3 M

SAMPLING STATION 12 M20 050772 1050

TOTAL (PC) 624(100) 351(56) 312(47) .89  
 DIAGN. CONST. (C) MAX AREA: 2.3 A= 169  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 25.9 M

SAMPLING STATION 13 M18 060772 1045

TOTAL (PC) 1100 1235 (0) 0 (0)  
 DIAGN. CONST. (C) MAX AREA: 2.96 A= -45  
 DIAGN. CONST. (C) MAX AREA: 5.16  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 26.2 M

SAMPLING STATION 14 M17 060772 1400

TOTAL (PC) 900(100) 377(42) 37(4) .05  
 DIAGN. CONST. (C) MAX AREA: 2.68 A= 10  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 24.0 M

SAMPLING STATION 15 M06 070772 1000

TOTAL (PC) 527(100) 306(58) 351(67) .67  
 DIAGN. CONST. (C) MAX AREA: 5.16 A= 172  
 DEPTH WHERE 1 PC OF SUF. IRRADIANCE : 15.4 M

SAMPLING STATION 17 M07 070772 1205

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 1.47 A= 1.47  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 17

SAMPLING STATION 17 M08 100772 1400

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 2.98 A= 1.75  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 17.0 M

SAMPLING STATION 17 M09 110772 1100

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 2.40 A= 1.75  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 11.5 M

SAMPLING STATION 17 M10 110772 1300

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 2.30 A= 70  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 32.0 M

SAMPLING STATION 20 M15 120772 1100

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 3.21 A= 861  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 28.8 M

SAMPLING STATION 21 M14 120772 1300

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 3.20 A= 301  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 20

SAMPLING STATION 20 M12 130772 1045

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 3.04 A= 55  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 25.1 M

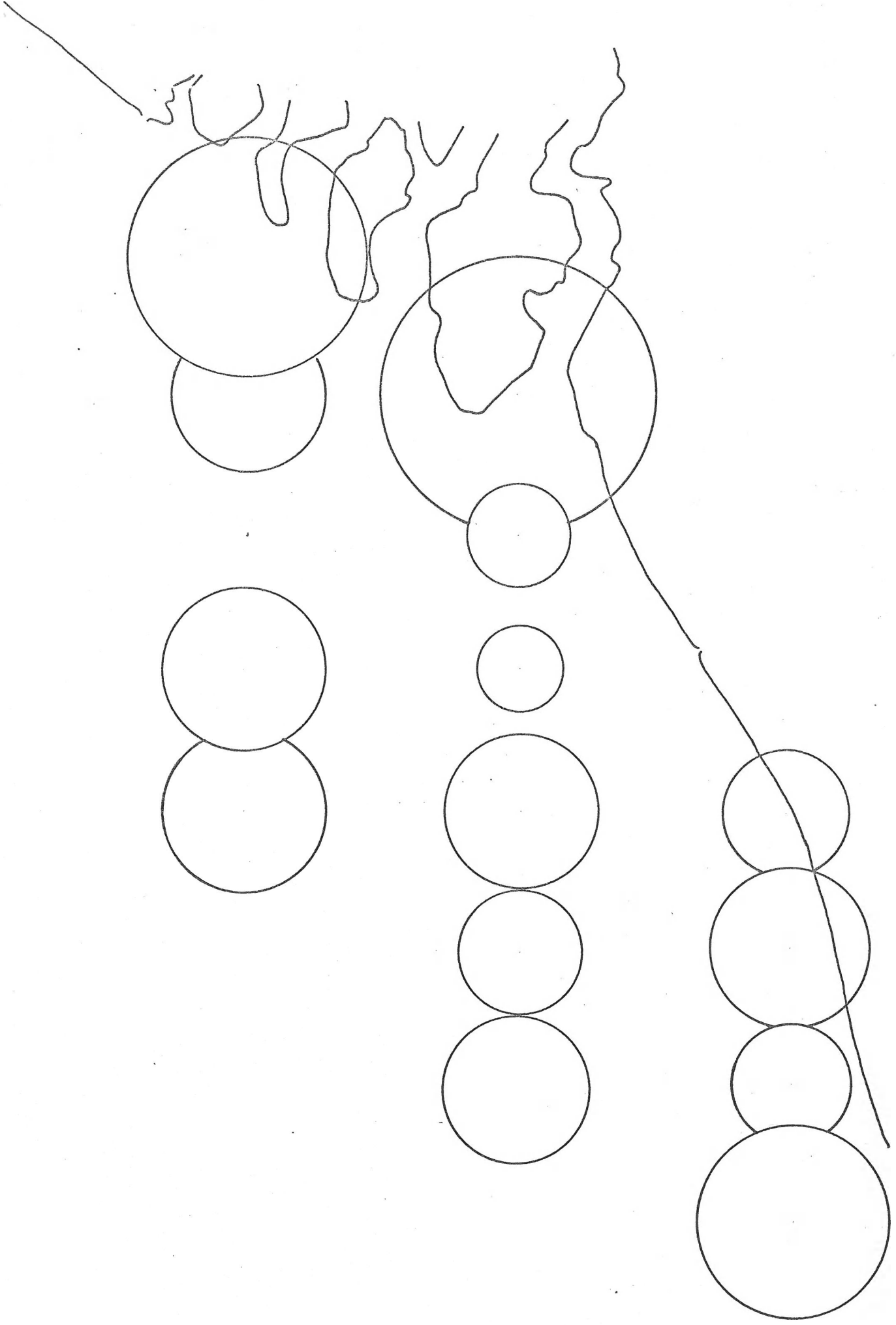
SAMPLING STATION 23 M11 130772 1245

TOTAL (PC) 1400 (PC) 1400 (PC) 1400 (PC)  
 1400(100) 1400(100) 1400(100) 1400(100)  
 DIAG. CONST. (C) MAX AREA: 4.02 A= 7  
 DEPTH WHERE 1 PC OF SULF. IN AREA: 12.0 M

SAMPLING STATION 24 M13 140772 1030

DEPTH 1 PC OF SURF. IRRADIANCE 000000

CRUISE 7 INT PROD



CRUISE 7 INT PROD

